

SYSTEM AND METHOD OF EXECUTION OF REGISTER POINTER INSTRUCTIONS**AHEAD OF INSTRUCTION ISSUE****ABSTRACT OF THE DISCLOSURE**

5 A pipeline system and method includes a plurality of operational stages. The stages include a pointer register stage which stores pointer information and updates, and a rename and dependence checking stage located downstream of the pointer
10 register stage, which renames registers and determines if dependencies exist. A functional unit provides pointer information updates to the pointer register stage such that pointer information is processed and updated to the pointer register stage before or in parallel with the register
15 dependency checking.